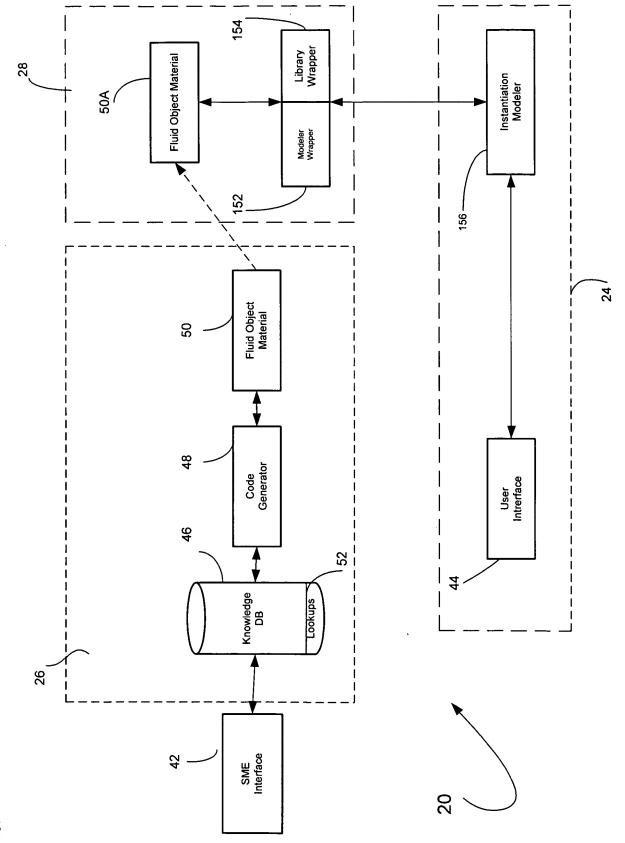
Fig. 1



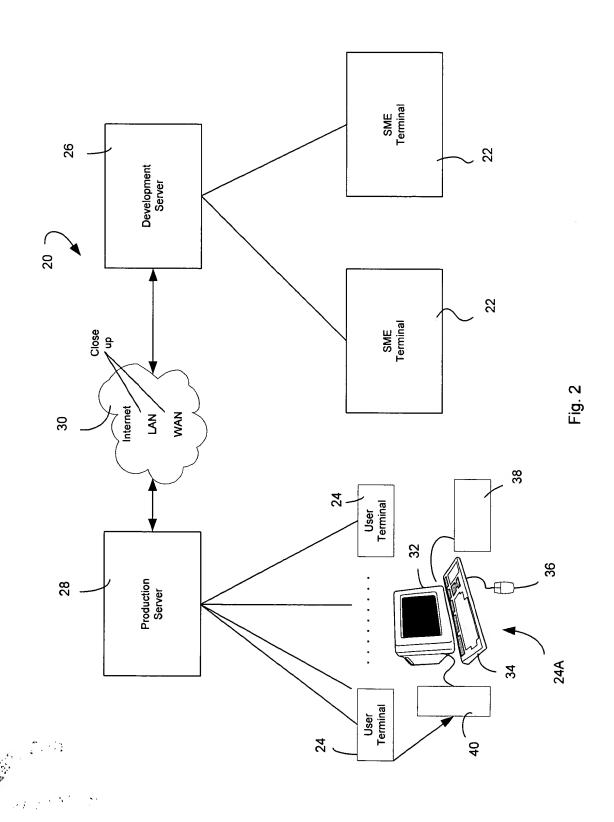


Fig. 3

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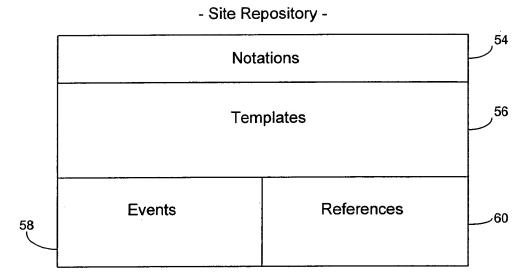
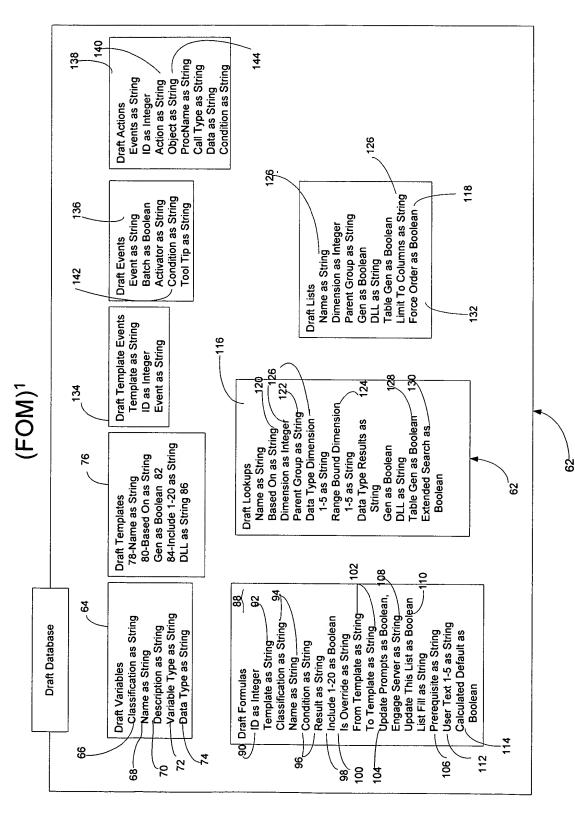
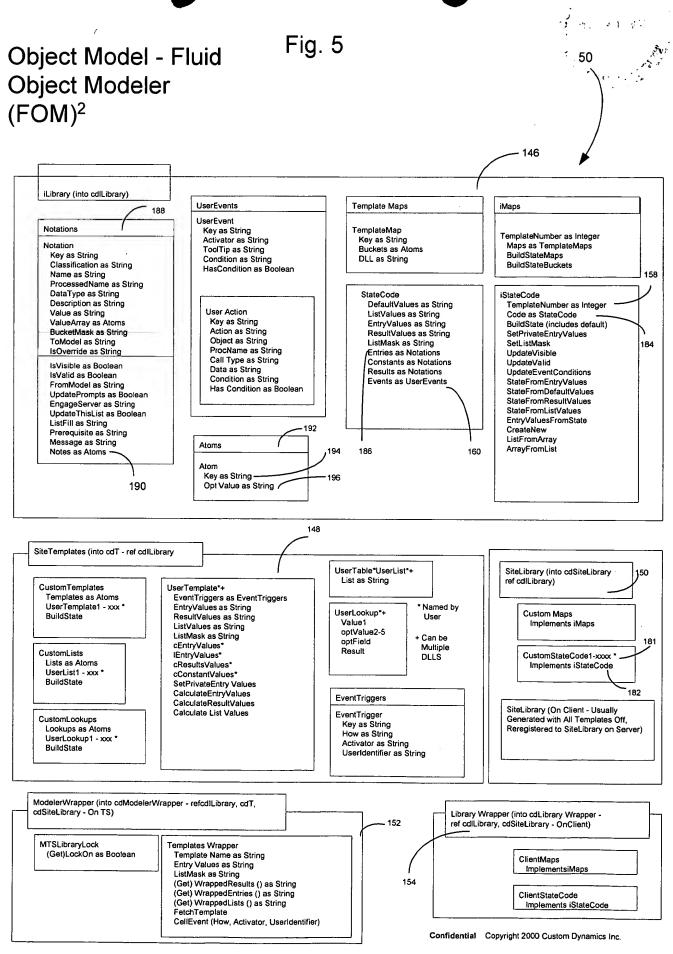


Fig. 4

## Database Model -

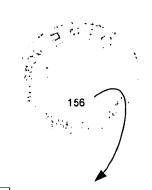


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## Fig. 6

## Object Model - Fluid Object Material (FOM)<sup>3</sup>



Modeler (into cdModeler ref cdILibrary, cdModelerWrapper, cdLibrary Wrapper - On Client)

Working Models
Key as Long
Notes as Atoms
Get Maps
Get Buckets (Template Number as Integer)
Create Model (Template as String, Opt Quantity as Integer)
Remove Model (Number as Long, Opt To End as Boolean)
Reconcile (Number as Long, From Template as String)

Model
Key as Long
Name as String
Template Number as Integer
Entries as Notations
Results as Notations
Events as User Events
Notes as Atoms
Initialize Model
Refresh Prompts (OptCurrentEntry as Integer)
Refresh Results
Perform Overrides
Restore Default Values
List From Array
Array From List
Process Events (How As String, Activator As S

Array From List
Process Events (How As String, Activator As String, User Identifier As String)
Modeler Action (User Identifier As String, User Event As String, Action As String, Model
Number As Long, Object As String, Proc Name As String, Call Type As String, Data As String)
Action Complete (User Identifier As String, User Event As String, Action As String, Model
Number As Long, Status Code As Long, Status Message As String)

Template Maps

Template Map Key as String Buckets as Atoms DLL as String Atoms

Atom Key as String Op Value as String **Notations** 

Notation
Key as String
Classification as String
Name as String
Processed Name as String
Data Type as String
Description as String
Value as String
Value Array as Atoms
Bucket Mask as String
Frame as String
Is Override as String

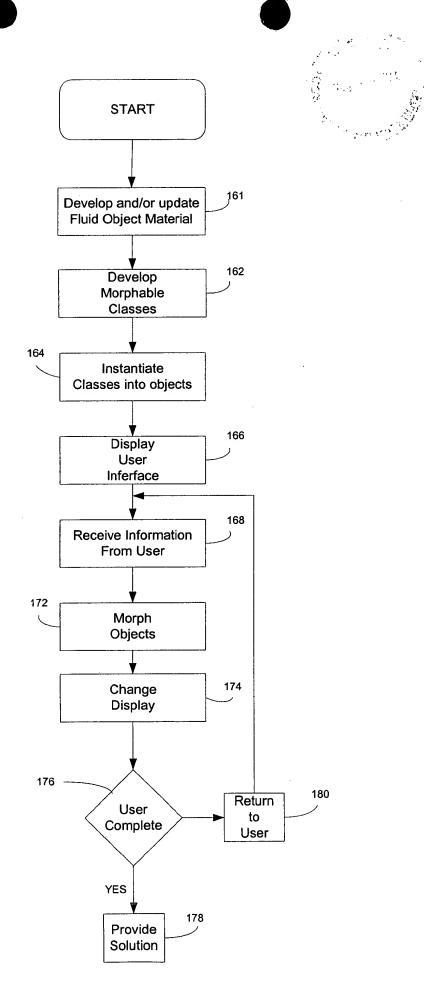
Is Visible as Boolean
Is Valid as Boolean
From Template as String
Update Prompts as Boolean
Engage Server as String
Update This List as Boolean
List Fill as String
Prerequsite as String
Message as String
Notes as Atoms

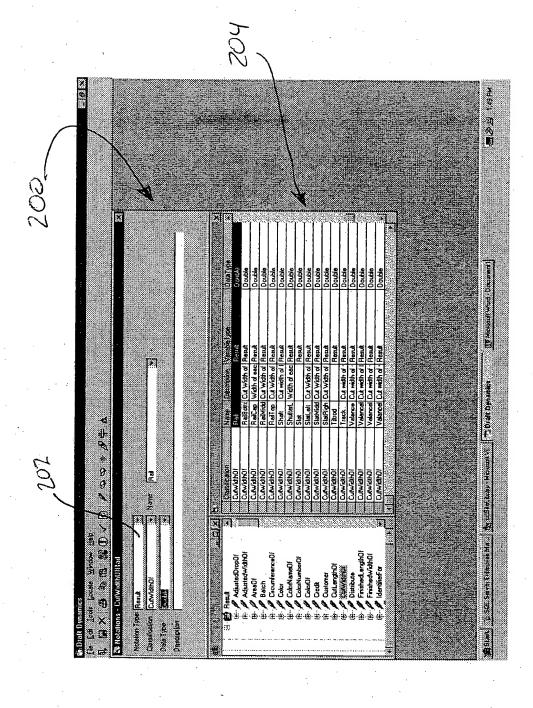
User Events

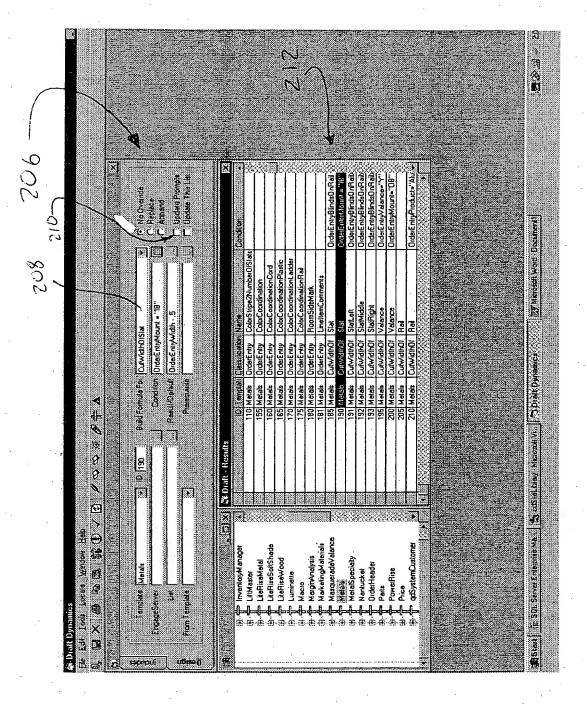
User Event
Key as String
Activator as String
Tool Tip as String
Condition as String
Has Condition as Boolean

User Action
Key as String
Action as String
Object as String
Proc Name as String
Call Type as String
Data as String
Condition as String
Has Condition as Boolean

Fig. 7



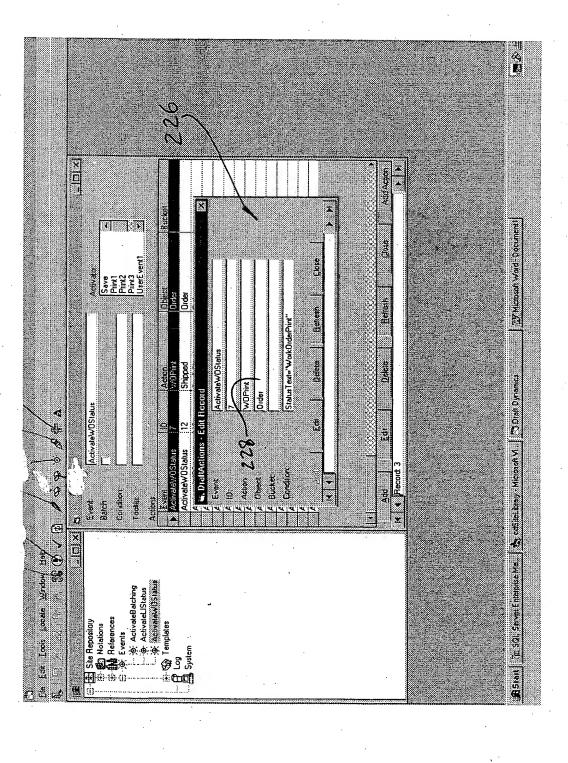




4.9

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System	ActivateWOStatus 10 CreditCher		StatusText="CreditFleview"And (StatusImage="0" Or StatusImage="1" Or StatusImage="3" Or Status
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<i>174</i>	ActivateWOStatus 2 Suspend	Order	StatusText="SuspendWorkOrder" And (StatusImage="10" O: StatusImage="3")
20.	ActivateWOStatus 3 Schedulef		StatusText="SchedulePending" And (StatusImage="0" Or StatusImage="1" Or StatusImage="3" Or S
/	ActivateWDStatus 4 Schedulef ActivateWDStatus 5 NotSched		StatusText="SchedulePending2"
	ActivateWOStatus 5 NotSched		StatusText="UnableToSchedule" And (StatusImage="0" Or StatusImage="1" Or StatusImage="3" Or StatusImage="1" Or StatusImage="1" Or StatusImage="1" Or StatusImage="1" Or StatusImage="3"
	ActivateWOStatus 11 Scheduled		Status Text="Scheduled" And [StatusImage="17" Or StatusImage="17"
	ActivateWOStatus 13 CancelOrd		StatusText="Canceled"And [StatusImage="2" Or StatusImage="3" Or StatusImage="4" Or StatusIma
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	ActivateWOStatus 15 CreditRequ		StahusText="CreditFlequest"And (StatusImage="0" Or StatusImage="2")
	ActivateWOStatus 9 PartsPullP		StatusText='PartsPullPrint'
	ActivateWOStatus 14 InProducti		Status Text="IniProduction"And (StatusImage="11")
	ActivateW0Status 15 CancelOrd ActivateW0Status 19 UnShipped		StatusText="Cancelled" And (StatusImage="9" 01 StatusImage="11" 01 StatusImage="13")  StatusText="UnShipped" And (StatusImage="16" 01 StatusImage="14")
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Fig. 10



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Fig. 12.

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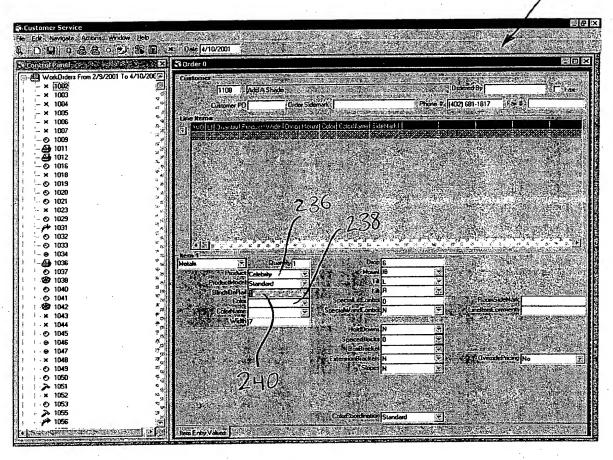


Fig 13A

Fig. 13B

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Fig. 14A

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Fig. 14B